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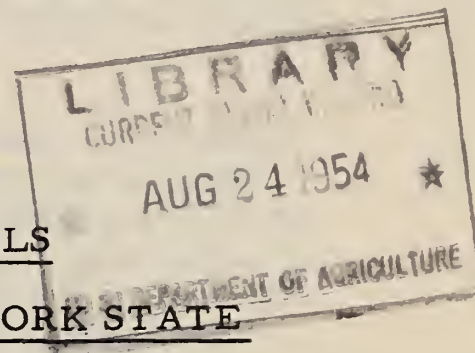
UNITED STATES DEPARTMENT OF AGRICULTURE
Agricultural Marketing Service

In cooperation with

NEW YORK STATE DEPARTMENT OF AGRICULTURE AND MARKETS

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APPLE MANUFACTURES
THE USE OF APPLES IN CIDER MILLS
EVAPORATORS AND CANNERIES IN NEW YORK STATE



1942-53

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Albany, New York

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APPLE MANUFACTURES 1942-53

This report presents statistics on the apple manufacturing industry in New York State for each crop year from 1942 through 1953.

New York State processors received 7.2 million bushels of apples at their plants in 1953 - nearly one-fourth more than in 1952 and about the same number as in 1951. Of the 1953 total receipts of apples 4 percent came from other states and Canada.

Five-eighths of the apples used for processing went into canned apples and applesauce, including baby food; a little over one-quarter were pressed for cider and apple juice; and drying, freezing and other products accounted for the rest. Statistics for the industry engaged in daily preparation and shipment of fresh sliced apples to pie bakers are included here only when this operation is carried on in or near the apple production areas. In New York City, (for which data on fresh slicing are not included) this industry has reached a high state of development, using open-market or contract purchases of apples throughout the year.

There were 230 plants making cider and other products in the 1953 season, compared with 219 in 1952 and 247 in 1951.

The apple manufacture information in this publication has been gathered from processors, mainly by mailed questionnaire supplemented in a few cases by estimates for a few small concerns from which reports were not received.

Cordial appreciation is expressed for the generous cooperation of the people in the apple processing industries whose reports have made this summary possible.

Wm. I. BAIR
Agricultural Statistician In Charge

Table 1. - Receipts and utilization of apples at manufacturing plants, New York, crops of 1942-53

Crop year	Net receipts ^{1/}	Receipts from other states and Canada (included in preceding column)	Used for cider and apple juice	Used for canning or applesauce
			bushels	
1942	7,907,500	62,000	3,712,500	2,751,700
1943	5,611,300	98,400	3,037,900	1,865,400
1944	7,607,800	479,400	4,278,800	2,010,200
1945	1,418,000	806,500	873,000	440,800
1946	8,723,800	495,100	4,364,400	3,595,500
1947	6,214,000	99,100	2,920,000	2,839,800
1948	4,552,000	173,600	1,788,300	2,271,000
1949	8,877,200	24,300	3,806,000	4,289,500
1950	9,676,800	67,000	3,122,500	5,472,700
1951	7,165,900	17,200	2,114,500	4,220,400
1952	5,799,700	295,100	1,550,300	3,669,000
1953	7,171,000	314,200	1,940,700	4,484,500

Table 1. - Receipts and utilization of apples at manufacturing plants, New York crops of 1942-53 - continued

Crop year	Used for drying	Used for freezing ^{2/}	Used for other products ^{3/ 3'}
		bushels	
1942	1,120,800	39,300	283,200
1943	502,400	113,800	91,800
1944	441,100	577,400	300,300
1945	-	76,800	27,400
1946	114,900	459,400	189,600
1947	108,800	191,500	153,900
1948	39,600	169,600	283,500
1949	221,700	347,500	212,500
1950	260,900	510,100	310,600
1951	277,400	266,300	287,300
1952	28,900	318,900	232,600
1953	55,200	297,400	393,200

^{1/} Apples received at a plant and then transferred to another plant for processing are included only in plant where processed. One bushel is assumed to equal 48 pounds.

^{2/} Frozen apples were first asked separately in 1944. The 1943 and 1942 totals for this item as published may be incomplete.

^{3/} Among other products for which these apples were used are jelly, apple butter, mincemeat, and fresh sliced apples for pies in upstate areas. Included also are small amounts of loss and shrinkage and some apples sorted out for sale as fresh fruit.

Table 2. - Cider and dried apple products made, New York, from crops 1942-53

Crop year :	Cider and juice pressed :	Dried apples :	Dried apple chops :	Dried skins and cores :	Dried pomace :
	<u>gallons</u>	<u>pounds</u>	<u>pounds</u>	<u>pounds</u>	<u>pounds</u>
1942	17,235,500	6,473,500	356,700	1,461,100	2,126,000
1943	14,188,100	2,736,200	233,400	649,800	758,000
1944	19,725,300	2,489,700	194,000	536,100	1,168,000
1945	3,565,900	-	-	-	67,000
1946	19,103,000	721,100	67,000	151,000	1,570,000
1947	13,230,400	648,600	-	-	720,500
1948	7,714,200	265,500	-	-	3,044,200
1949	19,695,500	1,341,300	58,800	-	5,630,000
1950	18,614,200	1,363,000	190,000	-	4,605,900
1951	12,739,600	1,565,500	28,600	-	4,630,400
1952	10,248,300	181,400	1/	-	2,507,400
1953	12,233,200	359,100	T/	-	1,592,700

1/ Included with dried apples.

Table 3. - Average price paid for apples, by type of manufacturing plant, New York, 1942-53 1/

Crop year :	Average price paid for apples by			
	Cider mills :	Evaporators :	Canners & freezers :	All plants
	<u>dollars per 100 pounds</u>			
1942	.44	1.46	1.59	1.05
1943	1.13	2.86	3.12	2.12
1944	1.04	2.96	3.21	2.06
1945	2.77	-	6.69	4.40
1946	1.21	1.88	3.91	2.57
1947	.67	.89	2.58	1.72
1948	1.09	1.22	2.87	2.16
1949	.51	.77	1.85	1.25
1950	.58	1.17	2.66	1.95
1951	.58	.76	1.40	1.13
1952	1.24	1.50	3.34	2.77
1953	1.48	2.63	4.44	3.59

1/ The 1951, 1952 and 1953 prices are weighted by the quantities of apples used by the individual plants within each district as well as by the importance of the several districts. For earlier years the averages of prices as reported were weighted by the importance of the several districts.

Table 4. - Receipts and utilization of apples by type of manufacturing plant, New York, crops of 1952 and 1953

Item	Cider Mills		Other processors		All plants	
	1952	1953	1952	1953	1952	1953
<u>Receipts:</u>						
Net <u>1/</u>	1,018,600	1,405,600	4,781,100	5,765,400	5,799,700	7,171,000
From other states (included above)	48,000	19,500	247,100	294,700	295,100	314,200
<u>Utilized for:</u>						
Cider and juice	1,018,600	1,405,600	531,700	535,100	1,550,300	1,940,700
Canning and apple sauce	-	-	3,669,000	4,484,500	3,669,000	4,484,500
Drying	-	-	28,900	55,200	28,900	55,200
Freezing	-	-	318,900	297,400	318,900	297,400
Other products <u>2/</u>	-	-	232,600	393,200	232,600	393,200

1/ Apples received at a plant and then transferred to another plant for processing are included only in the plant where processed.

2/ In addition to other products this amount includes small quantities of shrinkage and some apples sorted out for sale as fresh fruit.

Table 5. - Apples received and cider and juice made, by districts and type of plant, New York, crops of 1952 and 1953

District 1/ and year	Apples received at		Cider and juice made at	
	Cider mills :	Other processors :	Total	Cider mills : Other processors :
	bushels			gallons
Ontario				
1952	456,900	4,360,400	4,817,300	4,013,900 4,129,700 8,143,600
1953	643,100	4,745,800	5,388,900	5,040,500 3,448,700 8,489,200
Mid-western				
1952	55,900	145,300	201,200	193,500 - 193,500
1953	32,700	205,800	238,500	118,600 - 118,600
Hudson				
1952	276,100	80,200	356,300	1,018,100 - 1,018,100
1953	573,400	168,900	742,300	2,118,700 2/ 2,118,700
Champlain				
1952	5,500	-	5,500	17,200 - 17,200
1953	7,400	-	7,400	22,500 - 22,500
Other				
1952	224,200	195,200	419,400	875,900 - 875,900
1953	149,000	644,900	793,900	1,484,200 2/ 1,484,200
State				
1952	1,018,600	4,781,100	5,799,700	6,118,600 4,129,700 10,248,300
1953	1,405,600	5,765,400	7,171,000	8,784,500 3,448,700 12,233,200
1/ Districts used in this publication include counties as listed below:				
Ontario District - Niagara, Orleans, Monroe, Wayne.				
Mid-western District - Erie, Genesee, Wyoming, Livingston, Ontario, Yates, Seneca, Tompkins.				
Hudson District - Columbia, Dutchess, Putnam, Westchester, Greene, Ulster, Orange, Rockland.				
Champlain District - Clinton, Essex				
Other districts - All counties not included above.				
2/ Included with cider mills to prevent disclosure of individual operations.				

Table 6. - Apple manufacturing plants in operation and establishments making specified products, New York, crops of 1942-53

Crop year	Plants in operation	Plants making ^{1/}			
		Cider and juice	Canned ^{2/} apple products	Frozen apple products	Dried apple products
1942	374	318	22	3/	42
1943	283	243	21	3/	33
1944	300	250	20	16	30
1945	63	56	3	4	2
1946	261	221	23	14	13
1947	293	244	25	9	15
1948	249	212	24	6	12
1949	285	244	24	8	19
1950	265	222	25	8	21
1951	247	202	23	7	21
1952	219	180	23	8	9
1953	230	193	26	5	5

1/ The total of the establishments making specified products may exceed the number in operation, because a plant may make more than one of the listed products.

2/ Includes canned apple slices, applesauce, baby food, etc.

3/ Not available,

Table 7. - Apples received from other states and Canada at New York processing plants, crops of 1952 and 1953

	1952	1953
	bushels	
Region of origin ^{1/}		
North Atlantic States	42,000	69,000
South Atlantic States	178,000	-
North Central States	-	138,900
Canada	56,200	106,300
Unknown	18,900	-
Total	295,100	314,200
District in New York in which received ^{2/}		
Ontario	225,100	194,300
Mid-western	20,600	45,100
Hudson, Champlain and other	49,400	74,800
Total	295,100	314,200

1/ States grouped to prevent disclosure of individual operations.

2/ For counties included in each district see table 5, footnote 1.

